

Our comparison showed there are significant differences between the Curtis Diskette and the EIMS CD.

- The EIMS CD application transfers files via FTP while the Curtis Diskette provides for creating a file to disk, a file to CD, a file to E-mail and a file to RFP.
- The EIMS CD does not contain an installation program nor is it capable of being installed.
- The EIMS CD is a self-extracting, fully operational program. The Curtis Diskette does not contain an installation program nor is it capable of being installed.
- The file names, layout, field names and properties are different.
- Only two of 168 files showed any similarity.

We concluded that the Curtis Diskette and the EIMS CD are not the same because:

This Advisory Memorandum is in response to the October 25, 2002 request by Assistant General Counsel Sanford. He requested our office compare the contents of the diskette delivered by Cliff Curtis (hereafter referred to as the Curtis Diskette) to the E-mail developed by Cliff Curtis (hereafter referred to as the Curtis Diskette) to determine if the General Counsel's System Version 1.3 on CD (hereafter referred to as the EIMS CD) as developed by the Department's Specialized Technology Section, to determine similarities.

## Executive Summary

SUBJECT: Cliff Curtis Diskette and EIMS CD Comparison

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<sup>1</sup> Computer forensic services are not auditing services as defined in the Standards for the Professional

- Installing the EIMS application to retrieve compressed files for comparison;
- Comparing of the files on the Curtis Diskette to the EIMS CD; and
- Reviewing the EIMS CD using Visual Basic and MS Windows Explorer;
- Removing the Curtis Diskette from its sealed envelope and copying it;

Our methodology included:

The scope of this engagement was limited to examining the physical properties of the Curtis Diskette (date the files were last modified, file sizes, file names) and comparing those properties to the contents of the EIMS CD.

The objective of this engagement was to determine differences and similarities between the contents of the Curtis Diskette and EIMS CD.

The purpose of this engagement was to provide computer forensics services to the Office of General Counsel.

## Purpose, Scope and Methodology

At the request of the Department's General Counsel staff, the Curtis Diskette was sealed and locked in the IT Audit area in April 2002.

On April 1, 2002, Cimt Curtis, a former Yang Enterprises, Inc., employee, delivered a diskette labeled "Batch Import Alpha" to the Office of Inspector General. Cimt Curtis, who worked on the Import/Exporter Module while an employee of Yang Enterprises, Inc., stated the contents of this diskette are the property of Yang Enterprises, Inc. Cohen or Ralph Thompson of Yang Enterprises, Inc. that this Module was delivered by Yang Enterprises, Inc., and originated from Mike Cohen or Ralph Thompson of Yang Enterprises, Inc.

## Introduction and Background



We hope that the above information has been beneficial to you and the Department. If you have any questions or concerns, please call Craig Brown at 410-5800 x 152.

- A listing of all files found on both the Curtis diskette and EIMIS CD are shown in Appendix A.
- Our analysis showed the Curtis Diskette and the EIMIS CD are not the same and contain significant differences.
- Only two of 168 files showed any similarity. The files below are from the Binary Works Zip application.
- The EIMIS CD is a self-extracting, fully operational program. The Curtis Diskette does not contain an installation program nor is it capable of being installed.
- The EIMIS CD application transfers files via FTP while the Curtis Diskette provides for creating a file to disk, a file to CD, a file to E-mail and a file to FTP.

File Name	Date	Location Identifier	Directory	Size (kb)	Time
bwszp36r.ocx	12/16/1999	Curtis Diskette	240,126	6:18:54 PM	
BWSZP36R.DEP	12/16/1999	EIMIS CD	1,290	6:19:46 PM	
bwszp36r.DE	12/16/1999	Curtis Diskette	725	6:19:46 PM	

- Our analysis showed the Curtis Diskette and the EIMIS CD are not the same and contain significant differences.
- Only two of 168 files showed any similarity. The files below are from the Binary Works Zip application.

## Findings



Appendix A - File listing of the Curtis Diskette and the EMS CD.  
Appendix B - Exporter screens and "file not sent error" screens from the Curtis Diskette  
and from the EMS CD.

## Appendices



Directory Name	Date	Location Identifier	Director	Time	Size (kb)	EMMS CD	BatchBxporter.W02	BatchBxporter.W01	BatchBxporter.W00
Batch.vbw	6/22/2000	Curtis Diskette	385	1:25:50 PM	1,606	EMMS CD	BatchBxporter.EXE	BatchBxporter.EXE	BatchBxporter.EXE
Batch.vbp	6/22/2000	Curtis Diskette	385	1:25:52 PM	1,606	EMMS CD	BatchBxporter.W02	BatchBxporter.W01	BatchBxporter.W00
Batch.Exe	6/22/2000	Computer Install from CD	470	9:39:10 AM	10,781	EMMS CD	BatchBxporter.W01	BatchBxporter.W00	BatchBxporter.W00
Batch.Exe.mak	11/8/2002	Computer Install from CD	37	10:55:04 AM	10,781	EMMS CD	BatchBxporter.mak	BatchBxporter.mak	BatchBxporter.mak
autorun.inf	10/19/2001	Curtis Diskette	37	9:37:00 AM	10,781	EMMS CD	ACTIVITI.JCO	ACTIVITI.JCO	ACTIVITI.JCO
11082002.L0g	11/8/2002	Computer Install from CD	126	7:39:54 AM	10,781	EMMS CD	BatchBxporter.W02	BatchBxporter.W02	BatchBxporter.W02
							5. BatchBxporter.W05	4. BatchBxporter.W04	3. BatchBxporter.W03
							2. BatchBxporter.EXE	1. BatchBxporter.EXE	

3. The files contained on the Curtis Diskette and the EMMS CD are listed below. The listing is in alphabetical file name order.

None of the above files could be viewed without further detailed analysis, which is beyond the scope of this engagement.

1. The EMMS CD contents were reviewed and it contained the following files:
2. The EMMS CD contents were reviewed and it contained the following files:
3. The two zippered folders: OCX Install.zip folder and sample project.zip. The OCX and two zippered folders: OCX Install.zip folder and sample project.zip. The OCX file contained a number of text and HyperText Markup Language files (HTML).
4. The BW Zip Compress OCX 3.0.6 - VB5(SP3) full version-single user license.zip file contained two folders, Contractor and 001 BatchStorage, contained a number of Visual Basic forms/screens, three Visual Basic Project files, and a number of icons. No executable files were contained in either of these two folders.
5. The two folders, Contractor and 001 BatchStorage, contained a number of Visual Basic forms/screens, three Visual Basic Project files, and a number of icons. No executable files were contained in either of these two folders.

The BW Zip Compress OCX 3.0.6 - VB5(SP3) full version-single user license.zip file contained two folders and a zipped file:

1. Contractor folder,
2. 001 BatchStorage folder, and
3. BW Zip Compress OCX 3.0.6 - VB5(SP3) full version-single user license.zip.

Contractor folder and a zipped file:

1. The contents of the Curtis Diskette were reviewed and it was noted that it contained two folders and a zipped file:
2. The contents of the Curtis Diskette were reviewed and it was noted that it contained two folders and a zipped file:
3. The contents of the Curtis Diskette were reviewed and it was noted that it contained two folders and a zipped file:

## Appendix A - File listing of Curtis Diskette and the EMMS CD



Directory Name	Date	Location Identifier	Size (kb)	Time
BatchExporter.W03	10/22/2001	EMIS CD	1,454,080	5:27:50 AM
BatchExporter.W04	10/22/2001	EMIS CD	1,454,080	5:27:50 AM
BatchExporter.W05	10/22/2001	EMIS CD	787,404	5:27:50 AM
BOOK03.JCO	4/28/1993	Curtis Diskette	766	12:00:00 AM
BOOK06.JCO	7/21/1995	Curtis Diskette	766	12:00:00 AM
BWSPZ36R.DBF	12/16/1999	Computer Install from EMIS from CD	1,290	6:19:46 PM
BWSPZ36R.DCF	12/16/1999	Computer Install from EMIS from CD	725	6:19:46 PM
BWSPZ36R.DCE	12/16/1999	Curtis Diskette	766	12:00:00 AM
BWSPZ36R.DC	12/16/1999	Computer Install from EMIS from CD	223,744	6:18:54 PM
bws3p36r.vb-	11/25/1999	Curtis Diskette	222	6:32:30 PM
CLOSE.JCO	9/17/1996	Curtis Diskette	318	12:00:00 AM
CLOSE.JCO	9/17/1996	Curtis Diskette	318	12:00:00 AM
CDROM01.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
CDROM01.JCO	1/11/1996	Curtis Diskette	1,078	12:00:00 AM
CEI_Export.hip	10/22/2001	Computer Install from EMIS CD	1,489,457	9:56:00 AM
CEI_Export.hip	10/22/2001	Computer Install from EMIS CD	1,489,457	12:00:00 AM
CLOSE.JCO	9/17/1996	Curtis Diskette	318	12:00:00 AM
closed.bmp	7/21/1995	Computer Install from EMIS CD	222	6:14:38 PM
Contract.vbw	6/22/2000	Curtis Diskette	1,490	12:26:00 PM
Contract.vbw	6/22/2000	Curtis Diskette	1,490	12:26:00 PM
Contractor.vbw	10/25/1999	Curtis Diskette	952	3:29:28 PM
Contractor.vbw	10/25/1999	Curtis Diskette	952	4:08:24 PM
DA0350.DLL	5/16/2000	Computer Install from EMIS CD	618,496	8:22:02 AM
DISK14.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
DISK14.JCO	1/11/1996	Curtis Diskette	1,078	12:00:00 AM
dlgobj.dll	6/18/1998	Computer Install from EMIS CD	81,920	12:00:00 AM
Document.htm	12/16/1999	Curtis Diskette	56,160	6:38:36 PM
dotlogos.gif	12/23/1998	Curtis Diskette	29,829	1:55:16 PM
dotlogos.gif	12/23/1998	Curtis Diskette	35,233	4:14:48 PM
edms.mdb	10/11/2001	Computer Install from EMIS CD	155,648	10:16:42 AM
EYELICO	1/12/1996	Curtis Diskette	1,078	12:00:00 AM
EXTREMELICO	1/11/1996	Curtis Diskette	1,078	9:37:00 AM
ERASE02.JCO	4/28/1993	Curtis Diskette	766	12:00:00 AM
ERASE02.JCO	4/28/1993	Curtis Diskette	766	12:00:00 AM
FOLDERR04.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
Fixblack.vbp	5/11/2000	Curtis Diskette	678	8:00:44 AM
fmabout.htm	6/2/2000	Curtis Diskette	4,582	1:49:18 PM



Directory Name	Date	Location Identifier	Director	Time
			Size (kb)	
frmAbout.frm	6/22/2000	Curtis Diskette	4,441	1:49:18 PM
frmAboutLog	6/16/1999	Curtis Diskette	37,515	1:25:50 PM
frmComplaint.frm	6/21/2000	Curtis Diskette	203	2:46:58 PM
frmContractorLog	10/26/1999	Curtis Diskette	72,727	1:29:56 PM
frmContractor.frm	6/13/2000	Curtis Diskette	120,807	2:20:48 PM
frmContractorLog	10/25/1999	Curtis Diskette	11,674	2:20:46 PM
frmCopyMDB.frm	12/21/1999	Curtis Diskette	3,616	4:16:28 PM
frmDIA1.FRM	6/2/2000	Curtis Diskette	1,343	1:49:18 PM
frmDial.frm	6/21/2000	Curtis Diskette	1,329	3:43:16 PM
frmDilectoryToCopyImage	5/23/2000	Curtis Diskette	8,393	2:08:36 PM
frmDilectoryToCopyImage	5/23/2000	Curtis Diskette	2,334	2:08:36 PM
frmDilectory				
frmFaxJack.frm	5/11/2000	Curtis Diskette	4,751	8:00:44 AM
frmLogIn.frm	6/2/2000	Curtis Diskette	4,544	2:41:28 PM
frmLogIn.fax	6/2/2000	Curtis Diskette	2,064	2:41:28 PM
frmMessageBox.frm	6/2/2000	Curtis Diskette	4,413	2:51:30 PM
frmMessageBox.fax	6/2/2000	Curtis Diskette	5,993	1:49:18 PM
frmMultiDialog.frm	6/2/2000	Curtis Diskette	1,275	2:51:30 PM
frmMultiDialog.fax	6/2/2000	Curtis Diskette	6,882	2:41:30 PM
frmPreferences.frm	6/2/2000	Curtis Diskette	1,868	1:49:18 PM
frmPreferences.fax	6/2/2000	Curtis Diskette	1,640	2:41:30 PM
frmReview.frm	6/21/2000	Curtis Diskette	7,178	3:43:20 PM
frmReview.fax	6/21/2000	Curtis Diskette	7,446	3:43:24 PM
frmScheduler.frx	6/21/2000	Curtis Diskette	1,556	3:43:22 PM
frmScheduler.frx	6/21/2000	Curtis Diskette	388	1:49:18 PM
frmScheduler.fax	6/21/2000	Curtis Diskette	3,080	6:49:54 PM
frmScheduler.xls	3/31/1999	Curtis Diskette	1,556	3:43:22 PM
frmScheduler.xls	6/21/1999	Curtis Diskette	388	1:49:18 PM
frmScheduler.xls	6/2/2000	Curtis Diskette	188	8:36:20 PM
frmScheduler.exe	10/22/2001	Computer Install from	423,424	8:06:24 AM
frmScheduler.xls	6/2/2000	Curtis Diskette	423,424	8:06:24 AM
frmScheduler.xls	6/17/1999	Curtis Diskette	30	10:14:50 AM
frmScheduler.xls	6/15/1999	Curtis Diskette	8,417	2:32:18 PM
frmScheduler.xls	11/8/2002	Computer Install from	8,123	9:38:22 AM
frmScheduler.xls	7/21/1995	Curtis Diskette	766	12:00:00 AM
frmScheduler.xls	4/28/1993	Curtis Diskette	222	6:14:38 PM
frmScheduler.xls	6/19/2001	Computer Install from	28,672	11:32:08 AM
frmScheduler.xls	2/19/2001	Computer Install from	36,864	11:32:14 AM



Directory Name	Date	Location Identifier	Size (kb)	Time
ifcal12n.dll	2/19/2001	Computer Install from EMS CD	35,840	11:32:20 AM
lrcmp12n.DLL	2/19/2001	Computer Install from EMS CD	314,368	11:49:04 AM
ifflax12n.dll	2/19/2001	Computer Install from EMS CD	78,336	11:31:54 AM
ifflif12n.dll	2/19/2001	Computer Install from EMS CD	155,648	11:36:14 AM
license.htm	5/8/1999	Curtis Diskette	8,609	9:27:14 PM
ifdig12n.dll	2/19/2001	Computer Install from EMS CD	279,040	11:28:42 AM
ifdig12n.ocx	2/19/2001	Computer Install from EMS CD	309,760	11:30:20 AM
ifdig12n.dll	2/19/2001	Computer Install from EMS CD	335,360	12:15:36 PM
ifelex12n.dll	2/19/2001	Computer Install from EMS CD	227,840	11:29:30 AM
ifdm12n.dll	2/19/2001	Computer Install from EMS CD	121,344	11:28:58 AM
ifdmge12n.dll	2/19/2001	Computer Install from EMS CD	166,400	11:29:52 AM
ifdkm12n.dll	2/19/2001	Computer Install from EMS CD	406,016	11:28:16 AM
ifds12n.dll	2/19/2001	Computer Install from EMS CD	66,048	11:30:56 AM
ifds12n.ocx	2/19/2001	Computer Install from EMS CD	176,128	12:18:06 PM
ifcox12n.ocx	2/20/2001	Computer Install from EMS CD	609,280	12:10:42 PM
ifbm12n.dll	2/19/2001	Computer Install from EMS CD	51,712	11:31:00 AM
ifbm12n.ocx	2/19/2001	Computer Install from EMS CD	137,216	12:17:02 PM
ifwmi12n.dll	2/19/2001	Computer Install from EMS CD	41,472	11:29:56 AM
ifwmi12n.ocx	2/19/2001	Computer Install from EMS CD	169,472	11:37:40 AM
lvkm12n.dll	2/19/2001	Computer Install from EMS CD	205,824	11:47:44 AM
mail1.ltm	6/21/2000	Curtis Diskette	63,720	3:43:18 PM
MAN1.FRX	6/21/2000	Curtis Diskette	5,916	3:43:16 PM
MATN1.LOG	6/15/1999	Curtis Diskette	138	2:32:18 PM
MIS2C0.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
MSGBOX01.JCO	1/12/1996	Curtis Diskette	1,078	12:00:00 AM
Msjm135.dll	6/23/1997	Computer Install from EMS CD	123,664	4:06:50 AM
Msjter35.dll	6/23/1997	Computer Install from EMS CD	24,848	4:06:50 AM
Msrdr2x35.dll	6/23/1997	Computer Install from EMS CD	252,176	4:06:50 AM
m_MOVE.CUR	12/16/1997	Curtis Diskette	766	12:00:00 AM
NODROP.JCO	3/13/1996	Curtis Diskette	766	5:15:40 PM



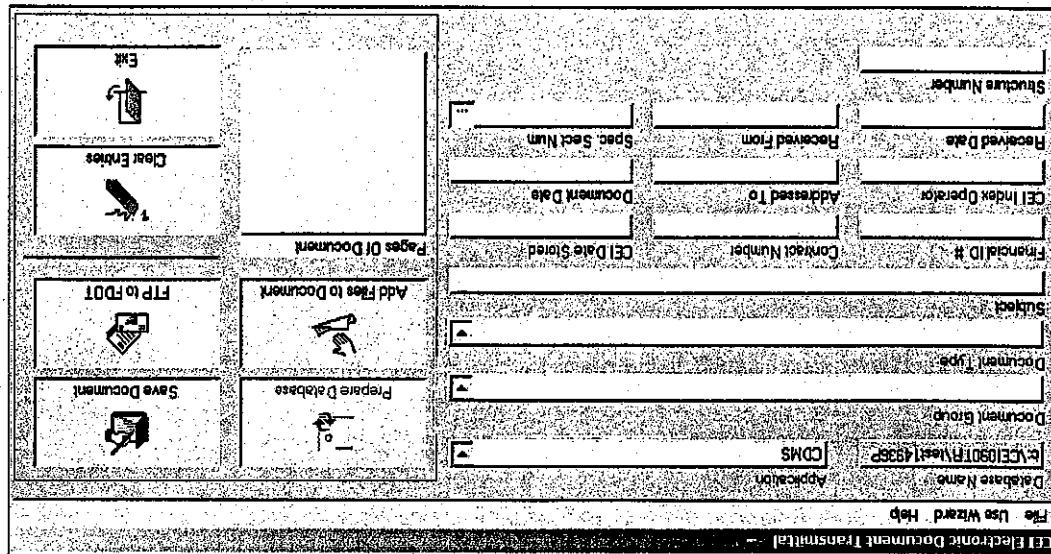
Directory Name	Date	Location Identifier	Size (kb)	Time
NOTE14.JCO	4/28/1993	Curtis Diskette	766	12:00:00 AM
ntsCLitem2283dcbb096	1/8/2002	Computer Install from EMS CD	0	7:39:52 AM
ntsCLitem4103dcbb094	1/8/2002	Computer Install from EMS CD	0	7:39:30 AM
NULOGOGR.BMP	5/21/1999	Curtis Diskette	41,078	7:09:26 AM
NULOGOGR.BMP	5/21/1999	Curtis Diskette	41,078	7:09:26 AM
NULOGOGR.BMP	5/21/1999	Curtis Diskette	41,078	7:09:26 AM
NWL0GRRes.bmp	1/18/2002	Computer Install from EMS CD	1	9:49:56 AM
OCX Install.zip	12/16/1999	Curtis Diskette	422,682	6:20:10 PM
Odbccl32.dll	5/31/1998	Computer Install from EMS CD	72,704	1:00:00 AM
open.bmp	7/21/1995	Computer Install from EMS CD	222	6:14:38 PM
OUTLINE.JCO	2/16/1996	Curtis Diskette	766	1:13:40 PM
OUTLINE.JCO	2/16/1996	Curtis Diskette	766	1:13:40 PM
POINT01.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
POOL.JCO	8/3/1996	Curtis Diskette	1,078	12:00:00 AM
PROCESS.JCO	12/23/1999	Curtis Diskette	766	10:19:20 AM
PROCESS2.JCO	12/23/1999	Curtis Diskette	766	10:26:16 AM
PT1414.txt.link	1/8/2002	Computer Install from EMS CD	5931	9:39:10 AM
PT1414.txt.link	1/8/2002	Computer Install from EMS CD	2701	9:38:14 AM
PT1414.txt	1/8/2002	Computer Install from EMS CD	2701	9:38:14 AM
PROCESSES.JCO	12/23/1999	Curtis Diskette	766	10:19:20 AM
POINT01.JCO	1/11/1996	Curtis Diskette	1,078	11:00:00 PM
POOL.JCO	8/3/1996	Curtis Diskette	1,078	12:00:00 AM
PROCESS.JCO	12/23/1999	Curtis Diskette	766	10:19:20 AM
PROCESS2.JCO	12/23/1999	Curtis Diskette	766	10:26:16 AM
readme.txt	12/16/1999	Curtis Diskette	2,295	6:35:34 PM
REFRESH.JCO	9/16/1996	Curtis Diskette	318	11:00:00 PM
REFRESH.JCO	9/16/1996	Curtis Diskette	318	11:00:00 PM
root.bmp	5/24/2000	Curtis Diskette	13,714	3:27:14 PM
RegistryStuff.bas	4/4/1997	Computer Install from EMS CD	238	3:19:00 PM
SAMPLE.PDF	12/16/1999	Curtis Diskette	511	6:21:58 PM
SAMPLE.VBW	2/16/1999	Curtis Diskette	912	6:22:00 PM
SAMPLE.VBP	12/16/1999	Curtis Diskette	6,539	6:22:16 PM
sample project.zip	12/16/1999	Curtis Diskette	6,500	6:19:50 PM
SETUP.EXE	1/16/1997	Curtis Diskette	89,600	12:00:00 AM
SETUP.LST	12/23/1999	Curtis Diskette	30,626	6:21:46 PM
shovel.gif	3/5/1997	Curtis Diskette	73,501	5:11:36 PM
shovel.ex_	3/5/1997	Curtis Diskette	6,500	6:19:50 PM
SHOVEL1.JCO	12/23/1999	Curtis Diskette	326	1:01:46 PM
SHOVEL2.JCO	12/13/1999	Curtis Diskette	766	4:51:20 PM
STUNSUT.TEX	1/16/1997	Curtis Diskette	37,850	12:00:00 AM
Support.txt	4/13/2001	Computer Install from EMS CD	33	3:36:30 PM
TABLES.JCO	9/17/1996	Curtis Diskette	766	12:00:00 AM
Testif	6/28/2001	Computer Install from EMS CD	760	11:38:36 AM



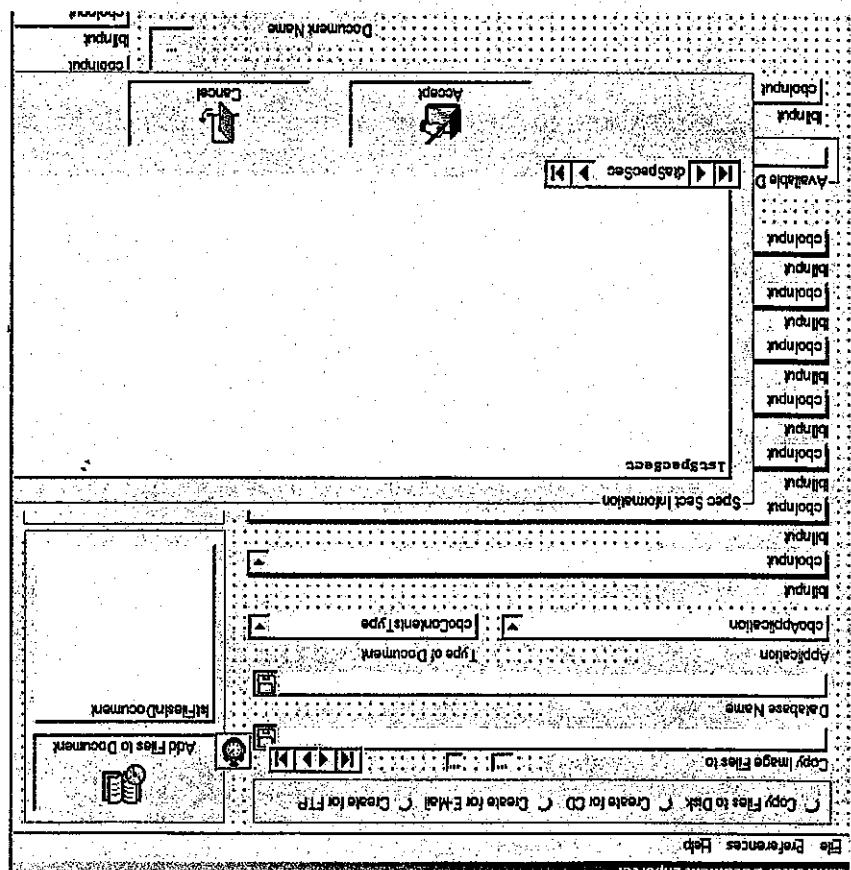
Directory Name	Date	Location Identifier	Director	Time
			Size (kb)	
TRFC15.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC16.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC17.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC18A.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC18B.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC19A.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC19B.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
TRFC20.JCO	1/12/1996	Curtis Diskette	1.078	12:00:00 AM
UNWISE.EXE	12/5/2000	Computer Install from CD	149,504	9:39:48 AM
VBSK1.dll	6/18/1998	Computer Install from EMS CD	89,360	1:00:00 AM
VB5db.dll				
VB5SKT.dl	1/16/1997	Curtis Diskette	16,457	12:00:00 AM
What is new.txt	12/16/1999	Curtis Diskette	14,811	6:41:28 PM
WIZ.JCO	8/29/1997	Curtis Diskette	766	11:04:44 AM
year-1.gif	11/11/1999	Curtis Diskette	2,258	4:17:24 PM
Zip and Unzip options.txt	2/3/1999	Curtis Diskette	34,128	8:12:16 PM



**Appendix B – Exporter screens and ‘file not sent error’ screens from the Curtis Diskette and from the EIMS CD.**



Exporter from EMS CD:



Exporter from Curtis Diskette:





"File not sent" message from the Curtis Diskette:

File Not Sent	STOP
You still have a job that you have not sent. Would you like to send the file or delete it and start a new job?	If your FTP/E-Mail is not working properly at this time, you may wish to exit the program and try again later.
<input type="button" value="Send"/>	<input type="button" value="Delete"/>
<input type="button" value="Exit Program"/>	

"File not sent" message from the EIMIS CD:

Package has Not been sent  You have not sent this package. If you continue the package will be erased and not transferred. Do you want to continue?

Yes      No